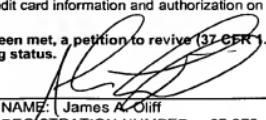


FORM PTO-1390 (REV. 01-2003)		US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 123991
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/535,731		
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE		PRIORITY DATE CLAIMED November 25, 2002	
TITLE OF INVENTION TIRE BUILDING SYSTEM, TIRE MANUFACTURING SYSTEM HAVING THE SAME, AND TIRE MANUFACTURING METHOD				
APPLICANT(S) FOR DO/EO/US Naruhiko AKIYAMA; Yuichiro OGAWA; Masataka MINAKAWA				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> <li>c. <input type="checkbox"/> The International Application was filed in English.</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>				
Items 11 to 20 below concern document(s) or information included:				
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input type="checkbox"/> Other items or information:</li> </ol>				

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/535,731	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER 123991				
21. <input type="checkbox"/> The following fees are submitted:		<b>CALCULATIONS</b> PTO USE ONLY				
<b>BASIC NATIONAL FEE (37 CFR 1.492(a)):</b> ..... \$ 300.00		\$				
<b>SEARCH FEE (37 CFR 1.492(b)(1)-(3)):</b>		\$				
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage ..... \$ 0.00						
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA ..... \$ 100.00						
International search report provided to USPTO no later than the time at which the search fee is paid ..... \$ 400.00						
All situations not provided for above ..... \$ 500.00						
<b>EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):</b>		\$				
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage ..... \$ 0.00						
All situations not provided for above ..... \$ 200.00						
Surcharge of \$130.00 for furnishing the search fee, the examination fee or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$				
TOTAL PAGES OF APPLICATION OVER 100 ( - 100)	+ 50	= †	× 250 =	\$		
round up to next integer						
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		
TOTAL CLAIMS	- 20	=	× 50.00 =	\$		
INDEPENDENT CLAIMS	- 3	=	× 200.00 =	\$		
MULTIPLE DEPENDENT CLAIM(S)(if applicable)			+ 360.00 =	\$		
<b>TOTAL OF ABOVE CALCULATIONS =</b>						
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½ .						
<b>SUBTOTAL =</b>						
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(j)).						
<b>TOTAL NATIONAL FEE =</b>						
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						
<b>TOTAL FEES ENCLOSED =</b>						
				Amount to be refunded: \$		
				charged: \$		
a. <input type="checkbox"/> Check No. in the amount of \$ to cover the above fees is enclosed.						
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.						
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card</b> information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944					NAME: James A. Oliff	
					REGISTRATION NUMBER: 27,075	
Date March 6, 2006					NAME: John W. Fitzpatrick	
					REGISTRATION NUMBER: 41,018	

In re the Application of

Naruhiro AKIYAMA et al.

Application No.: 10/535,731

Filed: January 23, 2006

Docket No.: 123991

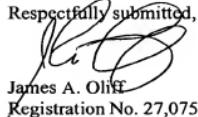
For: TIRE BUILDING SYSTEM, TIRE MANUFACTURING SYSTEM HAVING THE SAME,  
AND TIRE MANUFACTURING METHODINFORMATION DISCLOSURE STATEMENTCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. One or more reference cited herein was cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information. See References 1-6-11.
- 3. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- 4. US 4,314,864, which is cited in the foreign search report, was previously submitted in an Information Disclosure Statement filed on May 20, 2005 and is therefore not included herewith. US 2001/0017094 A1, US 6,425,478 B1 and DE 195 14 353 A1, which are also cited in the foreign search report, were previously submitted in an Information Disclosure Statement filed on January 23, 2006 and are therefore not included herewith.
- 5. Reference 2 corresponds to Reference 7. Reference 3 corresponds to Reference 8. Reference 4 corresponds to Reference 9. Reference 5 corresponds to Reference 10.

Respectfully submitted,

  
James A. Oliff

Registration No. 27,075

John W. Fitzpatrick  
Registration No. 41, 018

JAO:JWF/ojq

Date: March 6, 2006

**OLIFF & BERRIDGE, PLC**  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION
Please grant any extension necessary for entry;
Charge any fee due to our Deposit Account No. 15-0461

Sheet 1 of 1

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 123991	APPLICATION NO. 10/535,731
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		APPLICANTS Nanohiro AKIYAMA et al.		
		FILING DATE January 23, 2006		
<b>U.S. PATENT DOCUMENTS</b>				
Examiner Initials	Cite No.	Document Number	Date	Name
/GK/	1.	4,443,290	04/17/1984	Earl F. LOEFFLER et al.
/GK/	2.	6,719,549 B1	04/13/2004	Hisashi MITAMURA
/GK/	3.	6,547,548 B1	04/15/2003	Nobuhiko IRIE
/GK/	4.	5,681,594	10/28/1997	Nobuhiko IRIE
/GK/	5.	2002/0079041 A1	06/27/2002	Akio OOBAYASHI et al.
<b>FOREIGN PATENT DOCUMENTS</b>				
Examiner Initials	Cite No.	Document Number	Date	Country
/GK/	6.	WO 01/32409	05/10/2001	WIPO
/GK/	7.	EP 1 092 530 A2	04/18/2001	EUROPE
/GK/	8.	EP 1 125 708 A1	08/22/2001	EUROPE
/GK/	9.	EP 0 709 179 A2	05/01/1996	EUROPE
/GK/	10.	EP 1 215 024 A2	06/19/2002	EUROPE
/GK/	11.	WO 00/12297	03/09/2000	WIPO
<b>OTHER DOCUMENTS</b>				
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)		
EXAMINER <i>/Geoffrey Knable/</i>				DATE CONSIDERED <i>06/12/2009</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				